# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 7 | US-302004D-$.DID. OR US-3925543-$.DID. OR US-3934002-$.DID. OR US-3937807-$.DID. OR US-4022880-$.DID. OR US-4051234-$.DID. OR US-5096703-$.DID. OR US-5466777-$.DID. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 10:54 |
| S2 | 7 | US-302004D-$.DID. OR US-3925543-$.DID. OR US-3934002-$.DID. OR US-3937807-$.DID. OR US-4022880-$.DID. OR US-4051234-$.DID. OR US-5096703-$.DID. OR US-5466777-$.DID. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 10:55 |
| S3 | 0 | US-302004D-$.DID. OR EP-0026252-$.DID. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 10:56 |
| S4 | 1 | ("4080441").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:24 |
| S5 | 0 | ("4100270and4102993and4110429").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:27 |
| S6 | 0 | ("4100270,4102993").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:27 |
| S7 | 1 | ("4100270").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:27 |
| S8 | 1 | ("4102993").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:29 |
| S9 | 1 | ("4110429").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:30 |

| S10 | 1 | ("4273759").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:31 |
| S11 | 1 | ("4339430").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:32 |
| S12 | 1 | ("4614649").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:34 |
| S13 | 1 | ("5468777").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:35 |
| S14 | 1 | ("5908865").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:37 |
| S15 | 1 | ("5370864").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:39 |
| S16 | 1 | ("0920857").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/27 14:41 |
| S17 | 0 | ep0920857.pn. | US-PGPUB; USPAT | ADJ | ON | 2009/04/27 14:41 |
| S18 | 0 | ep0920857$.pn. or ep0920857$.ap. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/04/27 14:51 |
| S19 | 0 | ep0920857$.pn. or ep0920857$.ap. | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 14:51 |

| S20 | 1073 | chlorhexidine digluconate | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:37 |
| S21 | 66 | S20 and zinc gluconate | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:38 |
| S22 | 28 | S21 and (oral near composition$) | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:39 |
| S23 | 1 | S22 and @py<"2002" | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:41 |
| S24 | 4 | S21 and @py<"2002" | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:43 |
| S25 | 2 | neohesperidine chalcone | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:49 |
| S26 | 1 | S25 and S21 | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:50 |

| S27 | 1 | S25 and S21 and surfactants | US-PGPUB; USPAT; USOCR; EPO | ADJ | ON | 2009/04/27 16:50 |
|-----|-----|-----|-----|-----|-----|-----|
| S28 | 4641 | chlorhexidine and zinc | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 08:58 |
| S29 | 2606 | S28 and oral | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 08:58 |
| S30 | 0 | S29 and dentifirce | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 08:59 |
| S31 | 1 | S29 and neohesperidine chalcone | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:00 |
| S32 | 1 | neohesperidine chalcone | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:00 |
| S33 | 880 | S29 and sweetener$ | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:00 |
| S34 | 0 | S33 and scharin sodium | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:01 |
| S35 | 0 | S33 and sacharin sodium | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:01 |

| S36 | 880 | S33 and py@<"2003" | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:01 |
| S37 | 880 | S33 and py@<"2003" | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:02 |
| S38 | 880 | S33 and py@>"2003" | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:02 |
| S39 | 880 | S33 and pd@>"2003" | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/04/29 09:03 |
| S40 | 1 | ("4166134").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/29 09:07 |
| S41 | 1 | ("4085232").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/29 09:09 |
| S42 | 1 | ("4087558").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/29 09:10 |
| S43 | 1 | ("4254155").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/29 09:13 |
| S44 | 0 | ("neohesperidinedihydrochalconeandconcentration$anddentifrice").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/29 12:22 |
| S45 | 3 | neohesperidine dihydrochalcone and concentration$ and dentifrice | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 12:23 |
| S46 | 0 | toothepaste and ingredients | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 12:44 |

| S47 | 6676 | toothpaste and ingredients | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 12:44 |
| S48 | 0 | toothpaste and abbrasive | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 12:45 |
| S49 | 0 | toothpaste and (abbrasive near materials) | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 12:52 |
| S50 | 126 | toothpaste ingredients | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 12:52 |
| S51 | 64 | toothpaste ingredients and @py<"2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 12:53 |
| S52 | 1 | ("6113884").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/29 14:33 |
| S53 | 143 | nonionic and zwitteronic and surfactant$ | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 15:46 |
| S54 | 1 | S53 and dentifrice | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 15:47 |
| S55 | 348 | macrogol ether | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:15 |
| S56 | 1 | S55 and dentifrice | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:16 |
| S57 | 1 | S55 and toothpaste | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:16 |
| S58 | 3 | polyethelene glycol ether | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:29 |

| S59 | 0 | polyethelene glycol ether and dentifrice | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:30 |
| S60 | 1 | polyethelene glycol ether and cocamidopropyl betaine | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:31 |
| S61 | 4083 | surfactants and toothpaste | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:32 |
| S62 | 2 | nonionic surfactants and toothpase | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 16:32 |
| S63 | 3451 | surfactants$ and toothpaste and py@< "2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:22 |
| S64 | 1 | S63 and macrogol ether | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:22 |
| S65 | 3451 | surfactants$ and toothpaste and py@> "2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:23 |
| S66 | 3451 | (surfactants$ and toothpaste) and py@< "2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:24 |
| S67 | 3451 | (surfactants$ and toothpaste) and pd@< "20020404" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:25 |
| S68 | 0 | (surfactants$ and toothpaste) and pd@"<20020404" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:26 |
| S69 | 3451 | (surfactants$ and toothpaste) and py@< "2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:26 |
| S70 | -3 | py@< "2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:26 |

| S71 | 3451 | S69 AND py@<"2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:27 |
| S72 | 1240 | S69 AND @py<"2002" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:27 |
| S73 | 1644 | (surfactants and toothpaste) and @pd<"20020404" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:28 |
| S74 | 111319 | surfactants and @pd<"20020404" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:34 |
| S75 | 7 | "4301141" | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:35 |
| S76 | 3 | S53 and toothpaste | US-PGPUB; USPAT | ADJ | ON | 2009/04/29 17:39 |
| S77 | 1 | ("3959458").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 11:43 |
| S78 | 1 | ("3937807").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 11:45 |
| S79 | 1475 | mixed surfactant and @pd<"20020404" | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 11:49 |
| S80 | 58 | S79 and dentifrice | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 11:49 |
| S81 | 0 | S80 and (nonionic and zwitteronic and amphoeteric) | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 11:50 |
| S82 | 125 | nonionic and zwitteronic surfactant$ | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 12:02 |

| S83 | 28 | S82 and @pd<"20020404" | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 12:03 |
| S84 | 1 | ("3,959,458").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 12:29 |
| S85 | 1 | ("3,937,807").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 12:32 |
| S86 | 1 | ("4,051,234").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 12:34 |
| S87 | 0 | ("EP550280").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 12:39 |
| S88 | 1 | ("0550280").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 12:39 |
| S89 | 0 | ("chlorhexidinedigluconateandsurfactant$").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/30 14:03 |
| S90 | 769 | chlorhexidine digluconate and surfactant$ | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 14:04 |
| S91 | 298 | S90 and toothpaste | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 14:04 |
| S92 | 105 | S91 and @pd<"20020404" | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 14:04 |
| S93 | 0 | S92 and mix of surfactants | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 14:11 |
| S94 | 0 | S92 and mix near surfactants | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 14:11 |

| S95 | 29 | S92 and nonionic and zwitterionic | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 14:11 |
| S96 | 3 | S95 and combination adj surfactant$ | US-PGPUB; USPAT | ADJ | ON | 2009/04/30 14:20 |

**5/4/2009 9:56:41 AM**
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